

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, and listings, of claims in this application:

Listing of Claims:

1. (Currently Amended) A de-latch mechanism for a pluggable module, the mechanism comprising:

a housing having an outer surface;

an actuator slidably mounted on said outer surface for translational movement in a linear direction along said outer surface, said actuator comprising a wedge having a surface inclined relative to said outer surface, said surface being inclined from a position adjacent said outer surface;

a lever mounted to the housing and pivotable about a pivot pin having an axis transverse to the longitudinal linear direction; and

a cam provided on adjacent said pivot pin, said cam having a curved cam surface;

wherein pivoting of said lever about said pivot pin causes said cam surface to impinge upon said actuator to impart sliding motion thereto linear translation movement to said actuator's wedge relative to said outer surface of said housing.

2. (Original) The de-latch mechanism of claim 1, wherein said lever is T-shaped:

3. (Currently Amended) The de-latch mechanism of claim 2, wherein said ~~lever is mounted to a housing~~ has ~~having~~ opposite sides, said lever being mounted centrally to said sides.

4. (Currently Amended) The de-latch mechanism of claim 1, wherein said ~~lever and said actuator are~~ is mounted to a said housing, said housing comprising a mounting boss defining guide rails, said actuator comprising latch tabs defining complementary surfaces complementary to said guide rails for latching to the guide rails, said guide rails and said latch tabs cooperating to allow relative translational motion between said guide rails and said latch tabs.

5. (Currently Amended) The de-latch mechanism of claim 4, wherein said guide rails are defined by reentrant surfaces, and said latch tabs define complementary reentrant surfaces that are complementary to said reentrant surfaces for latching to said guide rails.

6. (Withdrawn) The de-latch mechanism of claim 1, wherein said lever is U-shaped.

7. (Withdrawn) The de-latch mechanism of claim 6, the housing defining a mounting bracket having bearing surfaces dimensioned to receive and retain the pivot pin in a snap fit.

8. (Withdrawn) The de-latch mechanism of claim 6, the housing comprising a cover mounted thereto, the cover defining a mounting bracket having bearing surfaces dimensioned to receive and retain the pivot pin.

9. (Withdrawn) The de-latch mechanism of claim 8, the actuator comprising a longitudinally extending guide post, the cover comprising a longitudinally extending channel for receiving the guide post and guiding the actuator in a longitudinal direction.

10. (Withdrawn) The de-latch mechanism of claim 8, the actuator comprising a pair of legs, the housing comprising a pair of retaining lips for receiving the pair of legs.

11. (Withdrawn) The de-latch mechanism of claim 8, the housing defining a clearance notch for receiving the cam of the pivot pin.

12. (Currently Amended) A pluggable module assembly comprising:
a receptacle having a latch tab defining an opening; and
a pluggable module having:

a housing having a face and a side transverse to the face, the housing having a latching member that extends from the side and is sized for receipt in the opening in the latch tab, the housing defining a slot extending adjacent the latching member;

an actuator slidably mounted in the slot on the side for translational movement
slidable in a longitudinal linear direction along said side, said actuator comprising a
wedge having a surface inclined relative to said outer surface, said surface being
inclined from a position adjacent said outer surface;

a lever pivotable about a pivot pin having an axis transverse to the longitudinal linear direction; and

a cam provided on adjacent said pivot pin, said cam having a curved cam surface;

wherein pivoting of said lever about said axis causes said cam surface to impinge upon said actuator to impart ~~sliding motion thereto~~ linear translation movement to said actuator's wedge relative to said side of said housing to cause said latch tab to release said latch member.

13. (Currently Amended) A de-latch mechanism for a pluggable module, the mechanism comprising:

a housing having an outer surface and opposite sides;

an actuator translatable in a linear direction along said outer surface; and

a lever pivotable about a pivot pin, said lever comprising a cam having a curved cam surface, said lever being mounted centrally to said sides of said housing;

wherein pivoting of said lever about said pivot pin causes said cam surface to impinge upon said actuator to impart linear ~~motion thereto~~ translation movement to said actuator relative to said outer surface of said housing.